

a NH_4^+ content of no more than about 10 ppm and a SO_2^{2-} content of no more than about 5 ppm.

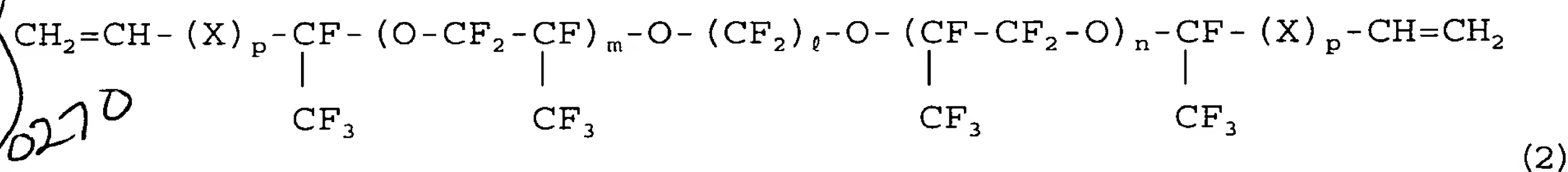
²
~~26.~~ The conductive fluoro-resin composition of claim ¹~~25~~, wherein the reactive fluorinated polyether compound (A) comprises fluorinated polyether units of the following structural formula (1):



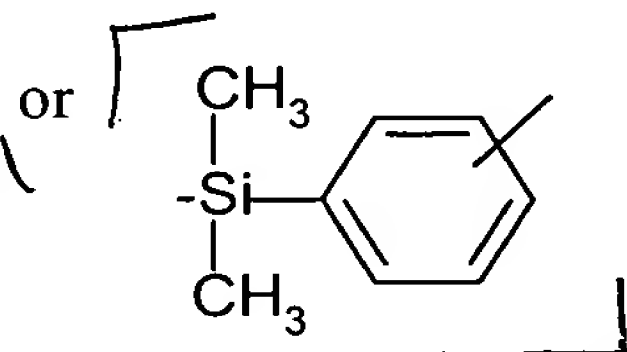
wherein Rf is a straight or branched chain perfluoroalkylene radical having 1 to 6 carbon atoms, and q is an integer of 1 to 500.

³
~~27.~~ The conductive fluoro-resin composition of claim ¹~~25~~, wherein the silver particles (D) contain at least 10% by weight of dendrite or flake shaped silver particles based on the loading of the silver particles.

⁴
~~28.~~ The conductive fluoro-resin composition of claim ¹~~25~~, wherein the reactive fluorinated polyether compound is of the formula (2):



wherein X is independently $-\text{CH}_2-$, $-\text{CH}_2\text{O}-$ or $-\text{Y}-\text{NR}-\text{CO}-$ wherein Y is $-\text{CH}_2-$



inclusive of o, m and p-positions, R is hydrogen, methyl, phenyl or allyl, letter p is independently equal to 0 or 1, ℓ is an integer of 2 to 6, m and n are independently integers of 0 to 200.

⁵
~~29.~~ The conductive fluoro-resin composition of claim ~~25~~¹, wherein the reactive fluorinated polyether compound has a number average molecular weight of about 400 to about 100,000.

⁶
~~30.~~ The conductive fluoro-resin composition of claim ~~25~~¹, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a low molecular weight organohydrogenpolysiloxane or cyclic organohydrogenpolycyclosiloxane having 2 to 10 silicon atoms.

⁷
~~31.~~ The conductive fluoro-resin composition of claim ~~25~~¹, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a perfluoropolyether or perfluoropolyalkylene compound having SiH radicals at the ends of the backbones thereof.

⁸
~~32.~~ The conductive fluoro-resin composition of claim ~~25~~¹, wherein the silver particles are reduced silver particles, electrolytic silver particles or atomized silver particles.

⁹
~~33.~~ The conductive fluoro-resin composition of claim ~~25~~¹, wherein the silver particles have a mean particle size of 0.1 to 10 μm .

¹⁰
~~34.~~ A conductive fluoro-resin composition comprising
(A) 100 parts by weight of a reactive fluorinated polyether compound comprising fluorinated polyether units and having at least two aliphatic unsaturated hydrocarbon radicals in a molecule,

(B) a compound having at least two hydrogen atoms each directly attached to a silicon atom in a sufficient amount to give 0.4 to 10 equivalents of the silicon atom-attached hydrogen atoms relative to the aliphatic unsaturated hydrocarbon radicals in component (A),

(C) a sufficient amount of a platinum group metal catalyst to promote reaction between components (A) and (B), and

(D) 50 to 2,000 parts by weight of silver particles;

wherein the silver particles have been surface treated with an organopolysiloxane or fluorinated polyether compound.

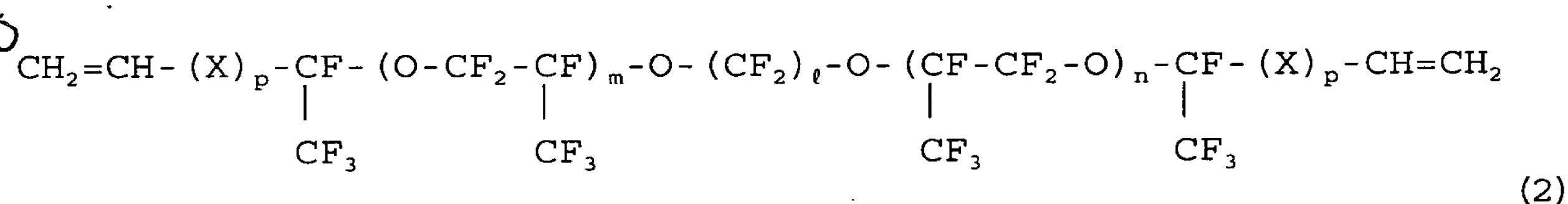
¹¹
~~35.~~ The conductive fluoro-resin composition of claim ~~34~~¹⁰, wherein said silver particles are surface treated with an organopolysiloxane which is a hydrosilylated organopolysiloxane having at least one hydrogen atom directly attached to a silicon atom.

¹²
~~36.~~ The conductive fluoro-resin composition of claim ~~34~~¹⁰, wherein said silver particles are surface treated with an organopolysiloxane which contains up to 500 ppm of non-functional low molecular weight organopolysiloxanes having 3 to 10 silicon atoms.

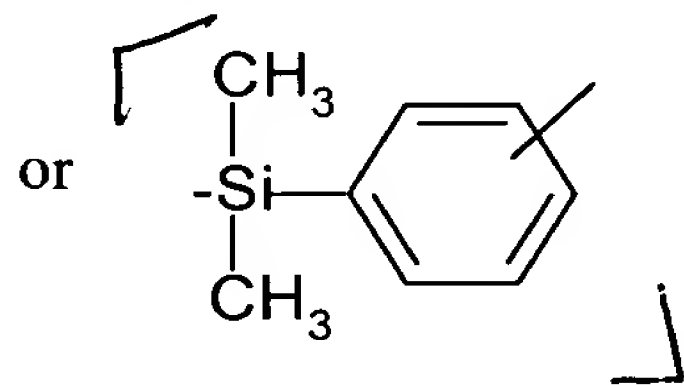
¹³
~~37.~~ The conductive fluoro-resin composition of claim ~~34~~¹⁰, wherein the silver particles are surface treated with a fluorinated polyether compound.

Part 2
¹⁴
~~38.~~ The conductive fluoro-resin composition of claim ~~34~~¹⁰, wherein the silver particles are surface treated with 0.001 to 5% by weight of the organopolysiloxane or fluorinated polyether compound.

¹⁵
~~39.~~ The conductive fluoro-resin composition of claim ~~34~~¹⁰, wherein the reactive fluorinated polyether compound is of the formula (2):



wherein X is independently -CH₂-, -CH₂O- or -Y-NR-CO- wherein Y is -CH₂-



inclusive of o, m and p-positions R is hydrogen, methyl, phenyl or allyl, letter p is independently equal to 0 or 1, ℓ is an integer of 2 to 6, m and n are independently integers of 0 to 200.

¹⁶
~~40.~~ The conductive fluoro-resin composition of claim ¹⁰~~34~~, wherein the reactive fluorinated polyether compound has a number average molecular weight of about 400 to about 100,000.

21 ¹⁷
~~41.~~ The conductive fluoro-resin composition of claim ¹⁰~~34~~, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a low molecular weight organohydrogenpolysiloxane or cyclic organohydrogenpolycyclosiloxane having 2 to 10 silicon atoms.

¹⁸
~~42.~~ The conductive fluoro-resin composition of claim ¹⁰~~34~~, wherein the compound having at least two hydrogen atoms each directly attached to a silicon atom, (B), is a perfluoropolyether or perfluoropolyalkylene compound having SiH radicals at the ends of the backbones thereof.

¹⁹
~~43.~~ The conductive fluoro-resin composition of claim ¹⁰~~34~~, wherein the silver particles have a NH_4^+ content of no more than about 10 ppm and a SO_2^{2-} content of no more than about 5 ppm.

²⁰
~~44.~~ The conductive fluoro-resin composition of claim ¹⁰~~34~~, wherein the silver particles are reduced silver particles, electrolytic silver particles or atomized silver particles.

²¹
~~45.~~ The conductive fluoro-resin composition of claim ¹⁰~~34~~, wherein the silver particles have a mean particle size of 0.1 to 10 μm . --